

DOGM REVIEW OF OPERATOR ESTIMATE

KUCC SECOND TAILINGS PIPELINE

M/035/07?

file kuccpipe.wb3
last revision

17-Nov-1999

kucc estimate prepared & submitted March 31, 1998

comparison of kucc estimate and estimated costs using Division references

Division references are Rental Rate Blue Book 1999 (3Q/99) for equipment rental & operating costs and

Means Heavy Equipment Cost Data 1999 for operator costs.

Division costs used the listed monthly rates divided by 22 days/month for those tasks exceeding 22 days

Division costs used the weekly rated divided by 5 days/week for the 15 day task of trestle demolition

Division costs used the hourly operating costs for equipment, attachments, and operators multiplied by 8 hrs/day

This cost comparison is based on the \$/day for the tasks identified

A summation of the \$/day and difference between KUCC & DOGM costs is given at the bottom

#days/month = 22

#hours/day = 8

task	KUCC cost/day	difference (dogm-kucc)	dogm cost/day	KUCC equipment	DOGM equipment	specs	hp	Blue Book rental \$/month	calc \$/day	Blue Book operating \$/hr	Blue Book attachment \$/month	attachment calc \$/day	attachment operate \$/hr	Blue Book regional factor	Means operator \$/hr	Means operator crew ID
remove pipe & haul																
crush pipe 132 days	\$1,544	(\$489)	\$1,055	cat 225 excavator + attach	cat 330 excavator + attach	1.83	222	8,735	397.05	24.80	3,890	176.82	3.25	0.895	39.58	B-12A
	\$594	\$278	\$872	water truck	water truck, off highway	7000 gal	330	7,445	338.41	37.2	0	0.00	0	0.898	33.85	B-9A
	\$804	(\$33)	\$771	cat 14G patrol	cat 14G 1995		200	6,590	299.55	20.8	0	0.00	0	0.865	43.2	B-32
	\$350	\$67	\$417	project supervisor	means 010-036-0200	proj. mgr			417	0	0	0.00	0	1	0	
	\$352	\$190	\$542	laborer (2)	means 010-036-0160	gen labor			542	0	0	0.00	0	1	0	
	\$222	\$35	\$257	safety engineer	means 010-036-0120	field eng			257	0	0	0.00	0	1	0	
	\$220	\$167	\$387	4X4 pickup truck (2)	means 016-420-7200	3/4 ton			291.00	12.06	0	0.00	0.00	1	0.00	
load pipe	\$991	(\$145)	\$846	cat 980C loader	cat 980F II (1996)	7 CY	275	7,675	348.86	28	0	0.00	0	0.865	40.05	B-10Q
haul pipe	\$2,423	(\$415)	\$2,008	dump truck 17 ton (4)	on highway rear dump 6X4	10-12 CY	255	10,660	484.55	61.2	0	0.00	0	0.898	135.4	B-9A
bury pipe at toe of dump 20 day	\$1,854	(\$321)	\$1,533	cat D10L dozer	cat D10N dozer		520	18,785	853.86	56.1	0	0.00	0	0.865	43.2	B-11N
demo drop structures																
demo concrete structure 75 days	\$3,087	(\$978)	\$2,109	cat 225 excavator + attach (2)	cat 330 excavator + attach (2)	1.83	222	17,470	794.09	49.6	7780	353.64	6.5	0.895	79.16	B-12A
haul concrete to bingham 45 da	\$1,214	(\$204)	\$1,010	cat 988B loader	cat 988B 1994	7	375	9235	419.77	38.95	0	0.00	0	0.865	41.9	B-11N
	\$1,453	\$555	\$2,008	dump truck 17 ton (4)	on highway rear dump 6X4	10-12 CY	255	10,660	484.55	61.2	0	0.00	0	0.898	135.4	B-9A
	\$804	(\$33)	\$771	cat 14G patrol	cat 14G 1995		200	6,590	299.55	20.8	0	0.00	0	0.865	43.2	B-32
demo trestles 15 days	\$1,831	\$119	\$1,950	40 ton crane(2)	grove RT745 (1996) 104 ft	45 MT		22800	1036.36	37.65	0	0.00	0	0.902	89.3	B-13
	\$1,282	\$17	\$1,299	cat D9H dozer (2)	cat D9N (1995) U blade (2)		370	15540	706.36	42.75	0	0.00	0	0.865	43.2	B-11N
	\$529	\$284	\$813	laborer (3)	means 010-036-0160 (3)	gen labor			813	0	0	0.00	0	1	0	
	\$19,554	(\$905)	\$18,649													

OVERALL, KUCC COSTS WERE GREATER
THAN DIVISION ESTIMATED \$/HR COSTS
BY \$905/HR OR ~ +5%. *dog*

M/035/011 - FILE COPY